



Australian Bureau of Statistics

1221.0 - Information Paper: ANZSCO -- Australian and New Zealand Standard Classification of Occupations, First Edition, Revision 1, 2009

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Summary

Main Features

ANZSCO FIRST EDITION REVISION 1

OVERVIEW

The purpose of this paper is to provide information about the first revision to the Australian and New Zealand Standard Classification of Occupations (ANZSCO) First Edition, referred to as ANZSCO First Edition Revision 1. This information paper also makes available the structure of ANZSCO First Edition Revision 1 to the public in advance of the full release of ANZSCO First Edition Revision 1 scheduled for July 2009.

ANZSCO First Edition was released in September 2006 and replaced the Australian Standard Classification of Occupations (ASCO) Second Edition and the New Zealand Standard Classification of Occupations (NZSCO) 1999 used previously in Australia and New Zealand, respectively. ANZSCO is primarily intended to provide an integrated framework for storing, organising and reporting occupation-related information in statistical applications. It can, however, be used in client-oriented applications, such as matching job seekers to job vacancies and career information.

BACKGROUND TO THE REVISION TO ANZSCO

ANZSCO was developed by the Australian Bureau of Statistics (ABS), Statistics New Zealand (Statistics NZ) and the (then) Australian Government Department of Employment and Workplace Relations. During the development of ANZSCO it was recognised that the needs of non-statistical users of ANZSCO would best be served if the classification could reflect the contemporary labour markets of Australia and New Zealand. To meet this need, it was agreed that minor updates to ANZSCO would be considered every two to three years.

In November 2007, representatives of the ABS, Statistics NZ and the Australian Government Department of Education, Employment and Workplace Relations met and agreed to undertake the first minor review of ANZSCO. The review commenced in July 2008 and will be completed by July 2009 to meet requirements for the 2011 Censuses in Australia and New Zealand.

SCOPE OF THE REVISION

The aim of the revision was to help ensure that ANZSCO remains a contemporary reflection of the Australian and New Zealand labour markets. This aim was constrained by the need to minimise disruption to data already classified to ANZSCO.

To achieve this, the primary focus of the review was making changes at the occupation (6-digit) level of the classification, and included the addition of new occupations and specialisations within occupations, changes to the titles of existing occupations, and amendments to definitions to update and help clarify the scope and content of certain occupations. Changes to the position of occupations within the structure were not considered because of the associated negative consequences for time-series occupation data. No changes were made to the skill level of occupations already existing in ANZSCO First Edition.

New occupations were only added where they were found to be statistically viable. That is, they met the minimum size guideline (as outlined in 'Statistical balance', page 9, **Australian and New Zealand Standard Classification of Occupations (ANZSCO), First Edition** (ABS cat. no. 1220.0)) and they would be able to be accurately and consistently identified in statistical surveys, censuses and administrative collections.

In the interests of maintaining data comparability at major, sub-major, minor and unit group levels, no structural changes were made to these levels. A number of title and definition changes were made to improve clarity. No new unit or minor groups were added.

CODE REUSE AND CODE RETIREMENT

Where the scope and/or content of a category in ANZSCO First Edition has changed in ANZSCO First Edition Revision 1, the original code assigned to that category has been retired and a new code assigned in ANZSCO First Edition Revision 1. This is irrespective of whether or not the title of the category has changed.

For example, the ANZSCO First Edition occupation 131111 Advertising and Public Relations Manager has been split into two new occupations: Advertising Manager, and Public Relations Manager. As neither of these two occupations equates to the old occupation 131111, this code has been retired and new codes 131113 and 131114 have been assigned to the two new occupations.

Code retirement is necessary to avoid potential confusion for users wishing to compare occupation data coded to ANZSCO First Edition with that coded to ANZSCO First Edition Revision 1. If codes were not retired whenever the scope and/or content of a category had changed, users may inadvertently attempt to compare data using a classification code thinking that there has been no change between the two categories represented by the code.

An exception to this principle are codes assigned to 'not elsewhere classified' (nec) categories. Where new occupations have been extracted from an 'nec' or where existing occupations are merged into the 'nec', the existing code assigned to the 'nec' category has been retained. These 'nec' categories are residual 'catch all' categories and are assigned special reserved codes ending in '99' and reflect the unit group in which they are located (see 'Codes reserved for residual categories', page 19, **Australian and New Zealand Standard Classification of Occupations (ANZSCO), First Edition** (ABS cat. no. 1220.0)).

For example, the occupation 149915 Equipment Hire Manager has been extracted from 149999 Hospitality, Retail and Service Managers nec. However, the code 149999 has not been retired.

Codes have been reused when only the title has changed or the definition of a category has been amended in order to clarify the scope of the category. These types of changes do not represent changes to the scope or content of the affected categories, and it is sensible to continue comparing data using the classification code.

STRUCTURAL CHANGES IN THIS REVISION

The primary purpose of this information paper is to present the structure of ANZSCO First Edition Revision 1. The following table provides information about categories in ANZSCO First Edition which have changed in ANZSCO First Edition Revision 1. The table outlines changes to the ANZSCO First Edition category (e.g. split, merged, or change of title) and the resulting ANZSCO First Edition Revision 1 category.

ANZSCO First Edition category	Change	ANZSCO First Edition Revision 1
131 Advertising and Sales Manager	Title change to reflect changes to the occupations in this minor group.	131 Advertising, Public Relations and Sales Managers
1311 Advertising and Sales Manager	Title change to reflect changes to the occupations in this unit group.	1311 Advertising, Public Relations and Sales Managers
131111 Advertising and Public Relations Manager	Occupation split into two occupations. Code 131111 retired.	131113 Advertising Manager 131114 Public Relations Manager
141999 Accommodation and Hospitality Managers nec	One new occupation extracted from this nec category.	141912 Retirement Village Manager
149999 Hospitality, Retail and Service Managers nec	One new occupation extracted from this nec category.	149915 Equipment Hire Manager
2322 Cartographers and Surveyors	Title change to reflect changes to the occupations in this unit group.	2322 Surveyors and Spatial Scientists
232211 Cartographer	Occupation split into two occupations. Code 232211 retired.	232213 Cartographer 232214 Other Spatial Scientist
2533 Internal Medical Specialists	Title change to reflect changes to the occupations in this unit group.	2533 Specialist Physicians

253314	Clinical Oncologist	Title change to clarify the scope of this occupation.	253314	Medical Oncologist
253399	Internal Medical Specialists nec	Title change to be consistent with the new title of this unit group.	253399	Specialist Physicians nec
253916	Radiologist	Occupation split into two occupations. Code 253916 retired.	253917	Diagnostic and Interventional Radiologist
			253918	Radiation Oncologist
261399	Software and Applications Programmers nec	One new occupation extracted from this category.	261314	Software Tester
3112	Medical Technicians	One new occupation added to this unit group.	311216	Pathology Collector (Aus) / Phlebotomist (NZ)
3121	Architectural, Building and Surveying Technicians	Added an nec category to this unit group.	312199	Architectural, Building and Surveying Technicians nec
312116	Surveying or Cartographic Technician	Title change to be consistent with change to the title of Unit Group 2322.	312116	Surveying or Spatial Science Technician
3921	Binders, Finishers and Screen Printers	Title change to reflect changes to the title of occupations in this unit group.	3921	Print Finishers and Screen Printers
392111	Binder and Finisher	Title change to reflect contemporary usage.	392111	Print Finisher
393111	Canvas Goods Maker	Title change to reflect contemporary usage.	393111	Canvas Goods Fabricator
399999	Technicians and Trades Workers nec	One new occupation extracted from this nec category.	399918	Fire Protection Equipment Technician
451899	Other Personal Service Workers nec	Three new occupations extracted from this nec category.	451814	Body Artist
			451815	First Aid Trainer
			451816	Religious Assistant
5522	Credit and Loans Officers	Title change to reflect contemporary NZ usage.	5522	Credit and Loans Officers (Aus) / Finance Clerks (NZ)
552211	Credit and Loans Officer	Title change to reflect contemporary NZ usage.	552211	Credit and Loans Officer (Aus) / Finance Clerk (NZ)
591111	Order Clerk	Occupations merged.	591117	Order Clerk
591114	Sales Clerk	Codes 591111 and 591114 retired.		

599911	Coding Clerk	Scope of occupation changed. Non-clinical coding clerk jobs moved to 599999 Clerical and Administrative Workers nec. Code 599911 retired.	599915	Clinical Coder
599999	Clerical and Administrative Workers nec	One new occupation extracted from this nec category.	599916	Facilities Administrator
711312	Wood Processing Machine Operator	Occupation split into two occupations. Code 711312 retired.	711313	Sawmilling Operator
			711314	Other Wood Processing Machine Operator
7123	Engineering Production Systems Workers	Title change to reflect contemporary usage.	7123	Engineering Production Workers
712311	Engineering Production Systems Worker	Title change to reflect contemporary usage.	712311	Engineering Production Worker
839999	Factory Process Workers nec	One new occupation extracted from this nec category.	839918	Recycling Worker
841299	Crop Farm Workers nec	One new occupation extracted from this nec category.	841217	Mushroom Picker
841912	Pest or Weed Controller	Scope of occupation changed. Weed controller jobs moved to 841999 Farm, Forestry and Garden Workers nec. Code 841912 retired.	841913	Pest Controller
899413	Exhaust and Muffler Fitter	Title change to reflect contemporary usage.	899413	Exhaust and Muffler Repairer
899414	Radiator Fitter	Title change to reflect contemporary usage.	899414	Radiator Repairer
899999	Labourers nec	One new occupation extracted from this nec category.	899923	Road Traffic Controller

This revision to ANZSCO sees the addition of 17 occupations and the merger of two occupations bringing the total number of occupations identified in ANZSCO to 1,014.

In addition to the structural changes outlined in the table, a number of changes will be made to the definitions of categories, and to the alternative titles and specialisations of some occupations. These changes do not directly effect the structure of the classification and so are not detailed here. They will be made available when the full version of ANZSCO First

Edition Revision 1 is published, expected to be in July 2009.

RELEASE OF ANZSCO FIRST EDITION REVISION 1

This information paper details the classification structure of ANZSCO First Edition Revision 1 (Appendix). Following the completion of the review, an HTML version of ANZSCO First Edition Revision 1 will be released on the ABS website to replace the existing HTML version of ANZSCO First Edition. This version will provide detailed information about the conceptual basis of ANZSCO; definitions for all major groups, sub-major groups, minor groups, unit groups and occupations which comprise ANZSCO; correspondence tables (concordances) between ANZSCO First Edition Revision 1, ASCO Second Edition, NZSCO 1999 and ISCO-88; and the alternative views.

A revision document outlining the changes to ANZSCO First Edition will be published to allow users of the hardcopy ANZSCO First Edition publication to update their copy of the classification.

It is anticipated that the HTML version and revision document will be released in July 2009.

IMPLEMENTATION OF ANZSCO FIRST EDITION REVISION 1

It is anticipated that ANZSCO First Edition Revision 1 will be implemented in relevant ABS collections from 1 July 2009. It is anticipated that ANZSCO First Edition Revision 1 will be implemented in relevant Statistics NZ collections from 1 April 2009.

COMPARABILITY WITH ISCO

The International Standard Classification of Occupations (ISCO) was developed by the International Labour Organization (ILO). ISCO was first issued in 1958 and revised versions were produced in 1968 and 1988. The main aims of ISCO are to provide a basis for international comparisons of occupation statistics between member countries and to provide a conceptual model for the development of national occupation classifications.

The relationship between ANZSCO and ISCO-88 is explored in **ANZSCO - Australian and New Zealand Standard Classification of Occupations, First Edition** (ABS cat. no. 1220.0).

A correspondence between ANZSCO First Edition Revision 1 and ISCO-88 will be released in July 2009.

An updated classification, ISCO-08, is currently being developed by the ILO. The structure of ISCO-08 was endorsed by the Governing Body of the ILO in March 2008. Work is currently progressing on drafting definitions for all categories in ISCO-08 in English, French and Spanish and is expected to be finalised in time for the 2010 round of international censuses. Correspondence tables between ANZSCO and ISCO-08 will be developed by the ABS and Statistics NZ following publication of ISCO-08 in English.

About this Release

This information paper foreshadows the introduction of Revision 1 of ANZSCO First Edition. It includes discussion of the reasons for, and the scope of, the revision. It also contains the updated classification structure at the most detailed (6-digit) level.

Explanatory Notes

Abbreviations

The following symbols and abbreviations are used in this publication:

ABS	Australian Bureau of Statistics
ANZSCO	Australian and New Zealand Standard Classification of Occupations
ASCO	Australian Standard Classification of Occupations
Aus	Australia
ICT	information and communication technology
ILO	International Labour Organization
ISCO	International Standard Classification of Occupations
nec	not elsewhere classified
NZ	New Zealand
NZSCO	New Zealand Standard Classification of Occupations
Statistics NZ	Statistics New Zealand

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